

Attorney Docket No. P12194

**REMARKS/ARGUMENTS****1.) Claim Amendments**

The Applicant has canceled claims 1-10. Claims 11-17 have been added. Accordingly, claims 11-17 are pending in the application. Favorable reconsideration of the application is respectfully requested in view of the foregoing amendments and the following remarks.

**2.) Examiner Objections**

In paragraph 3 of the Office Action, the Examiner objected to the specification due to informalities and grammar errors. The Applicant has amended the specification to correct the informalities and grammar errors. The Examiner's consideration of the amended specification is respectfully requested.

**3.) Claim Rejections – 35 U.S.C. § 112**

In paragraph 4 of the Office Action, the Examiner rejected claims 1-10 under 35 U.S.C. § 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention. The Applicant has canceled claims 1-10 and rewritten the claims to eliminate the problems under § 112 to more particularly point out and claim the invention. The Examiner's consideration of the rewritten claims and the withdrawal of the rejection are respectfully requested.

**4.) Claim Rejections – 35 U.S.C. § 103(a)**

In paragraph 6 of the Office Action, the Examiner rejected claims 1-10 under 35 U.S.C. § 103(a) as being unpatentable over Schutte, et al. (US 6,178,455). The Applicant has canceled original claims 1-10 and added new claims 11-17 to better distinguish the claimed invention from Schutte. The Examiner's consideration of the new claims is respectfully requested.

Independent claim 11 has been written to clarify the invention and to recite the additional limitation (formerly in claim 5) that the size of the blocks of IP-addresses is

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dynamically adjusted to minimize the amount of traffic required to request and distribute IP-addresses between the global processor and the application processors while ensuring that a sufficient number of blocks is available to serve all requests for additional IP-addresses. *In paragraph 18 of the Office Action, the Examiner noted that Schutte does not teach that the size of the blocks of IP-addresses is dynamically adjusted.* The Examiner contends that this feature is shown by Dong (US 5,093,912). However, the Applicant respectfully disagrees.

The Examiner cites Dong, column 4, line 57 through column 5, line 3, and column 6, line 67 through column 7, line 3 for showing that the size of the blocks of IP-addresses is dynamically adjusted. However, this is incorrect. Dong merely states that the overall size of the pool of resources may be adjusted, not the size of the blocks that are sent to the processors. The claimed invention, by adjusting the size of the blocks of IP-addresses, strikes a balance between minimizing traffic and having enough blocks to serve all requests for additional IP-addresses by the application processors. This feature is not taught or suggested by Schutte, Dong, or the combination thereof. Therefore, the allowance of claim 11 is respectfully requested.

Claims 12-15 depend from amended claim 11 and recite further limitations in combination with the novel elements of claim 11. Therefore, the allowance of claims 12-15 is respectfully requested.

The feature of dynamically adjusting the size of the blocks has also been recited in new independent claims 16 and 17. Claims 16 and 17 each recite that this step minimizes the amount of traffic required to request and distribute IP-addresses between the global processor and the application processors while ensuring that a sufficient number of blocks is available to serve all requests for additional IP-addresses. Therefore, the allowance of claims 16 and 17 is respectfully requested.

In paragraph 13 of the Office Action, the Examiner rejected claims 3-4 under 35 U.S.C. § 103(a) as being unpatentable over Schutte in view of Wang, et al. (US 6,496,511). The Applicant has canceled original claims 3-4. New claims 12-13 recite limitations similar to original claims 3-4, but depend from new claim 11. The Applicant contends that new claim 11 is also allowable in view of Schutte and Wang because neither of these references teaches or suggests dynamically adjusting the size

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of the blocks of IP-addresses to minimize the amount of traffic required to request and distribute IP-addresses between the global processor and the application processors while ensuring that a sufficient number of blocks is available to serve all requests for additional IP-addresses. Therefore, the allowance of dependent claims 12-13 is respectfully requested.

In paragraph 17 of the Office Action, the Examiner rejected claim 5 under 35 U.S.C. § 103(a) as being unpatentable over Schutte in view of Dong, et al. (US 5,093,912). Original claim 5 has been canceled. The limitation of original claim 5 has been clarified and recited in new claim 11, which is allowable for the reasons discussed above.

In paragraph 20 of the Office Action, the Examiner rejected claim 9 under 35 U.S.C. § 103(a) as being unpatentable over Schutte in view of Antic, et al. (US 5,561,854). The Applicant has canceled original claim 9. New claim 15 recites a limitation similar to original claim 9, but depends from new claim 11. The Applicant contends that new claim 11 is also allowable in view of Schutte and Antic because neither of these references teaches or suggests dynamically adjusting the size of the blocks of IP-addresses to minimize the amount of traffic required to request and distribute IP-addresses between the global processor and the application processors while ensuring that a sufficient number of blocks is available to serve all requests for additional IP-addresses. Therefore, the allowance of dependent claim 15 is respectfully requested.

In paragraph 24 of the Office Action, the Examiner rejected claims 6-7 under 35 U.S.C. § 103(a) as being unpatentable over Schutte and Dong in view of Wang. The Applicant has canceled original claims 6-7. New claims 12-13 recite limitations similar to original claims 6-7, but depend from new claim 11. The Applicant contends that new claim 11 is also allowable in view of Schutte, Dong, and Wang because none of these references teaches or suggests dynamically adjusting the size of the blocks of IP-addresses to minimize the amount of traffic required to request and distribute IP-addresses between the global processor and the application processors while ensuring that a sufficient number of blocks is available to serve all requests for additional IP-

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addresses. Therefore, the allowance of dependent claims 12-13 is respectfully requested.

**5.) Prior Art Not Relied Upon**

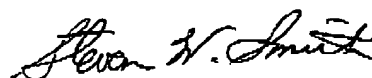
In paragraph 28 of the Office Action, the Examiner stated that the prior art made of record and not relied upon is considered pertinent to the Applicant's disclosure. However, the Applicant's reading of these references has not revealed any teaching of an arrangement or method of distributing IP-addresses, as claimed by the Applicant.

**CONCLUSION**

In view of the foregoing remarks, the Applicant believes all of the claims currently pending in the Application to be in a condition for allowance. The Applicant, therefore, respectfully requests that the Examiner withdraw all rejections and issue a Notice of Allowance for claims 11-17.

The Applicant requests a telephonic interview if the Examiner has any questions or requires any additional information that would further or expedite the prosecution of the Application.

Respectfully submitted,



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